

Hazard Review and Work Authorization for Gas Grill at TA-54-1001

Purpose This Meteorology and Air Quality Group (MAQ) hazard review (HR) describes the safe operation of the gas barbeque grill owned by the Air Quality Group and located at TA-54-1005.

Scope This HR applies to the gas barbeque grill outside at TA-54, Building 1001.

History of revision This table lists the revision history and effective dates of this Hazard Review.

Revision	Date	Description Of Changes
0	3/7/02	New document issued as HCP.
1		Revised into HR format.

Signatures

Prepared by: _____ Jake Martinez, MAQ	Date: <u>2/3/05</u>	Approved by: _____ Craig Eberhart, Environmental Air Monitoring Project	Date: <u>2/4/05</u>
Approved by: _____ Terry Morgan, QA Officer	Date: <u>2/3/05</u>	Work authorized by: _____ Jean Dewart, MAQ Group Leader	Date: <u>2/7/05</u>

02/09/05

CONTROLLED DOCUMENT

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Users are responsible for ensuring they work to the latest approved revision.

Activity Description/Overview

Work tasks/Steps	Hazards, Concerns, and Potential accidents; Likelihood/ Severity	Controls, Preventive Measures (e.g., safety equipment, administrative controls, etc.)	Hazard Level from IMP 300-00-00 Hazard Grading Matrix
Obtain fire permit.	<p>Fires caused by flames or hot particles in grill.</p> <p>Improbable / critical = low.</p>	Before the grill can be used, a "Spark-or Flame-Producing Operations Permit" (in LIR402-840-01) will be submitted and approved by the Fire Marshall, as required by Alert No. 0001.	Low
Use grill according to operating instructions, at least 35 feet from any combustible materials.	<p>Burns from touching hot surfaces while cooking.</p> <p>Burns: Occasional / moderate = low.</p> <p>Explosion of propane tank or accumulated gas igniting when lighting.</p> <p>Explosion: Improbable / critical = low.</p>	<p>Follow ALL operating and lighting instructions for the grill as described in the owner's manual.</p> <p>Use the grill ONLY in the paved parking lot area in front of the entrance to the Cave. This location must be at least 35 feet from any combustible materials (especially grass).</p> <p>Do not use the grill when the average 15-minute wind speed is more than 20 mph (as indicated on the LANL Weather Machine site).</p> <p>Never leave the grill unattended when in operation.</p> <p>Keep a fire extinguisher nearby when in use.</p> <p>Use the grill only for food preparation. Store the grill inside ONLY if propane tank is removed; store tank outside.</p>	Low

Prerequisites None.

**Wastes or
residual
materials
resulting from
process**

Cooking residues.

**Emergency
actions to take
in event of
control failure**

For all injuries, provide first aid and see that injured person is taken to Occupational Medicine (only if immediate medical attention is not required) or the hospital. Notify supervisor and group office as soon as possible.

[Click here to record “self-study” training to this HR.](#)

NOTE: Training to this document, as recorded in the EDS system, constitutes authorization to perform the work.